BRUHATH BANGALURU MAHANAGARA PALIKE
YELAHANKA ZONE

Name of the work : Annual Maintenance and repairs to electrical installation at J C yelahanka Zonal office Building in Byatrayanapura in ward no 7

Budget Head .....

Division No..... Estimate No..... For R: **400000.00**

Sl No	Description	Unit	Qty	Rate	Amount
1	Licenced electrician wiremen fitter with tools (Skilled) Rs.13365/Person/Month. Rs.13365*12=1,60,380/Person/Year. KAE71LWA 2015 Dated 04-08-2016	Per Person	1	160380.00	160380.00
2	a).Helper (Electrical) (Semi-Skilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016	Per Person	1	132132.00	132132.00
3	Annual Maintenance of 180 KVA D.G. Set Existing A.M.C. including of labour charges only for replacing the spare parts and periodically checkup of D.G. AMF panel (Without operator)	Each	1	44000.00	44000.00
4	Supplying & Changing of Alternator AVR.(Automatic Vo	Nos	1	9600.00	9600.00
5	Supplying & Changing of Dynamo repair Kit such as Corbons, Bearings & Diode Etc,.	Nos	1	3100.00	3100.00
6 45/ 6.10	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703. 3) 125Amps	Each	6	358.00	2148.00
7 78/9.4. 2	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.400mm Sweep	Each	3	2534	7602.00
8 31/4.38 .38	Supply of 230 V CFL Lamp Holder 2 pin	No	19	55.00	1045.00
9 6/2.6.1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP - A.1.5 sqmm	Rmt	50	18.60	930.00
	4)4 sqmm	P/Mtr	50	42.70	2135.00
10 18/3.15 .A.1	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch		60	35.00	2100.00
11 18/3.15 ..4	6Amps 3 way 5 pin Socket	Nos	25	53.00	1325.00
12 18/3.15 .9	16 Amps SP switch	No	15	89.00	1335.00
13 18/3.15 .10	16 Amps 3 way 5 pin socket	No	15	94.00	1410.00

14 18/3.15 .25	32 Amps Bakelite DP	No	10	156.00	1560.00
15 18/3.15 .26	16/6 Amps combined plug and socket wit control switch	No	10	268.00	2680.00
16 29/4.38 .5	2'/4' - 36/40 Watts Fluorescent Tubes: Supplying and fixing of 36W Fluorescent Tube with 36W power consumption with initial lumen of 2750 (3000 deg K / 4000 deg K) with rated avg life of greater than 10000 hrs.	No	60	48.00	2880.00
17 29/4.38 .10	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance)	No	20	377.00	7540.00
18 30/4.38 .18	Supplying of of 2 pin/4 pin 18W CFL Lamp	No	35	120.00	4200.00
19 31/4.38 .33.1	Condenser for ceiling fan/MV/SV/MH and other luminaires Upto 4 mfd	No	15	77.00	1155.00
20 31/4.38 .33.2	Upto 8 mfd	No	10	102.00	1020.00
21 3.7.4	Stepped Fan Regulator.	Each	10	286.00	2860.00
22 48/6.36	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C.50 Hz 12/24v D.C.	Each	3	442.00	1326.00
23 64/ 7.21	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 11) 95 sq mm long barrel	Each	6	149.76	898.56
	15) 240 sq mm long barrel	Each	3	478.92	1436.76
24 47/6.16	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required confirming IEC 60898. 6) 05-32 Amps TPN	Each	1	849.00	849.00
25 35/17.1 6	Fixing of ..... Amps TPST / change over switch / Contactor along with neutral link with screws, bolts, nuts and wiring using required capacity wires and circuit labeling.00A to 250A TPST	Each	1	387.00	387.00

26 3/16.4	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.1200MM	Each	3	630.00	1890.00
27	Misscellenious charges		L/S		75.68
	TOTAL				**400000.00**

CERTIFICATE

1. The Place was inspected and work is essential.
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2014-15 .

G.N. Bad...

Jr/Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
yelhanka zone
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
Y ELHANKA ZONE
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 4.00 LAKHS
RUPEES FOUR LAKHS ONLY
is accorded under no. P0294 Manual R To Electrical Inst in BMP Building Schools N Homes Community
Registered as EE No. 08/2018-19 Subject to conditions contained in enclosed memo No BBMP/EE(E)/YZ/AS/08/2018-19 DT 25-09-2018

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 4.00 LAKHS
Rupees FOUR LAKHS ONLY
Under P0294 Manual R To Electrical Inst In BMP Building
Registered as EE ( ) No. 08/2018-19 9 9
Subject to conditions contained in enclosed memo EE ( ) No. BBMP/EE/E(E)/YZ/AS/08
Dt. Estimate A/ Sanctioned BBMP/EE/E(E)/YZ/TS/08/No 2018-19
Dated 25.09.2018 Rs. 4.00 LAKHS

Executive Engineer